

Title (en)
MIMO ANTENNA HAVING ADJUSTABLE DECOUPLING STRUCTURE

Title (de)
MIMO-ANTENNE MIT EINSTELLBARER ENTKOPPLUNGSSTRUKTUR

Title (fr)
ANTENNE MIMO AYANT UNE STRUCTURE DE DÉCOUPLAGE RÉGLABLE

Publication
EP 3267531 A4 20180207 (EN)

Application
EP 15884980 A 20150316

Priority
CN 2015074304 W 20150316

Abstract (en)
[origin: EP3267531A1] A MIMO antenna is disclosed, including: a first antenna, a second antenna, and an adjustable decoupling structure. The adjustable decoupling structure is disposed between the first antenna and the second antenna, and is configured to reduce coupling between the first antenna and the second antenna. The adjustable decoupling structure includes a first adjustable capacitor and a second adjustable capacitor that are connected in series and a first adjustable inductor and a second adjustable inductor that are connected in parallel.

IPC 8 full level
H01Q 1/52 (2006.01)

CPC (source: EP US)
H01Q 1/243 (2013.01 - EP US); **H01Q 1/38** (2013.01 - EP US); **H01Q 1/52** (2013.01 - US); **H01Q 1/521** (2013.01 - EP US);
H01Q 9/42 (2013.01 - EP US); **H01Q 21/28** (2013.01 - EP US)

Citation (search report)

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US11146306B2; WO2020150205A1; TWI782250B

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3267531 A1 20180110; EP 3267531 A4 20180207; EP 3267531 B1 20190313; CN 106233531 A 20161214; CN 106233531 B 20190510;
US 10374306 B2 20190806; US 2018019515 A1 20180118; WO 2016145596 A1 20160922

DOCDB simple family (application)
EP 15884980 A 20150316; CN 2015074304 W 20150316; CN 201580020436 A 20150316; US 201715706373 A 20170915